AUTODOC CLUB

How to change track rod end on **VW Passat B7 Variant (365)** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
VW Passat B7 Variant (365) 1.4 TSI, VW Passat B7 Variant (365) 1.8 TSI, VW Passat B7 Variant (365) 1.6 TDI, VW Passat B7 Variant (365) 2.0 TSI, VW Passat B7 Variant (365) 2.0 TDI, VW Passat B7 Variant (365) 2.0 TDI 4motion, VW Passat B7 Variant (365) 1.4 TSI EcoFuel, VW Passat B7 Variant (365) 3.6 FSI 4motion, VW Passat B7 Variant (365) 1.4 TSI MultiFuel

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Golf V Hatchback (1K1) 1.6

REPLACEMENT: TRACK ROD END – VW PASSAT B7 VARIANT (365). TOOLS YOU MIGHT NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #22
- Combination spanner #24
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Vernier caliper
- Tap wrench
- Wheel chock

Buy tools

Replacement: track rod end – VW Passat B7 Variant (365). Tip from AUTODOC experts:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- All work should be done with the engine stopped.

REPLACEMENT: TRACK ROD END – VW PASSAT B7 VARIANT (365). USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #17.

3 Raise the front of the car and secure on supports.

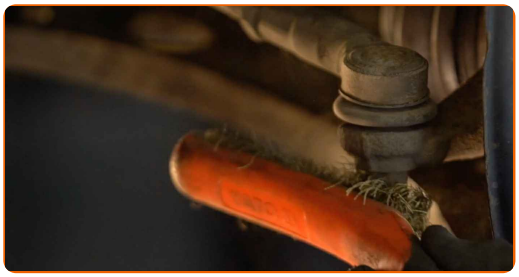
4 Unscrew the wheel bolts.

Replacement: track rod end – VW Passat B7 Variant (365). AUTODOC recommends:

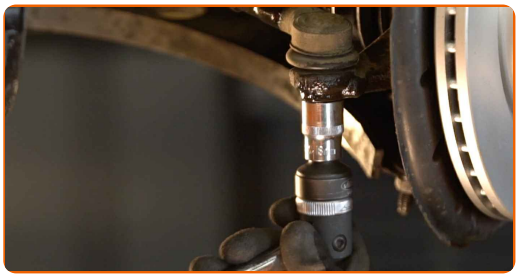
- To avoid injury, hold up the wheel when unscrewing the bolts.

5 Remove the wheel.

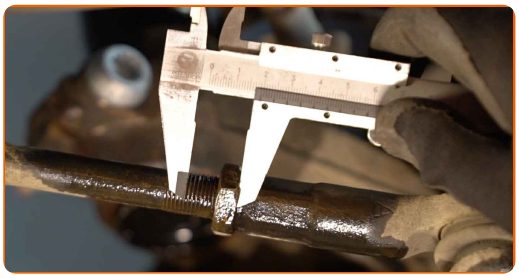
6 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



7 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #18. Use a tap wrench.

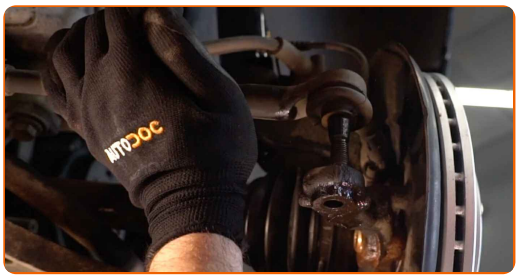


8 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



9 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #24.

10 Disconnect the tie rod end from the steering knuckle.



11 Screw the end out of the tie rod.

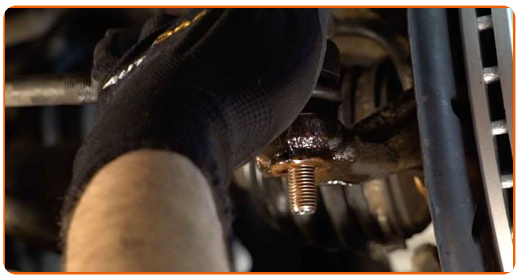
12 Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.

13 Screw on a new tie rod end.

Replacement: track rod end – VW Passat B7 Variant (365). Professionals recommend:

- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

14 Connect the tie rod end to the steering knuckle.



15 Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #18. Use a ratchet wrench.

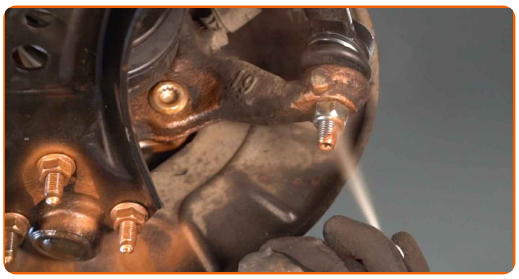
16 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 20 Nm torque.+90°

AUTODOC recommends:

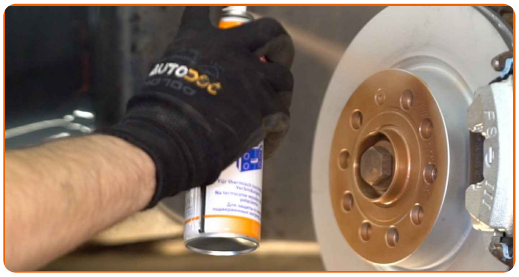
- Important! Be sure to use new fasteners.

17 Tighten the tie rod end locknut. Use a combination spanner #22. Use a combination spanner #24. Use a torque wrench. Tighten it to 50 nm torque.

18 Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



19 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



20 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

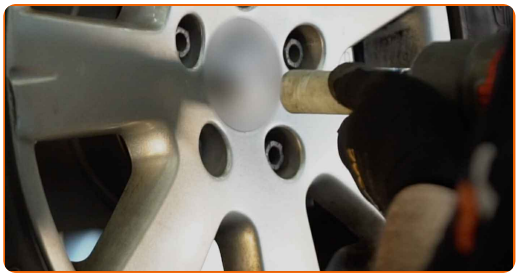
- Replacement: track rod end – VW Passat B7 Variant (365). After applying the spray, wait a few minutes.

21 Install the wheel.

Replacement: track rod end – VW Passat B7 Variant (365). AUTODOC experts recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

22 Screw in the wheel bolts. Use wheel impact socket #17.

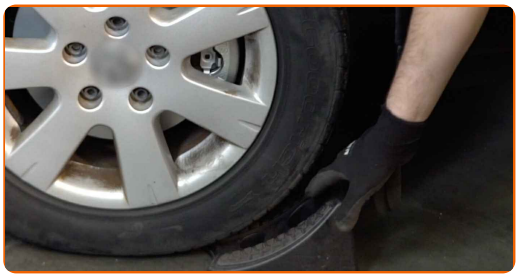


23 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.

Replacement: track rod end – VW Passat B7 Variant (365). Tip from AUTODOC:

- Check and adjust wheel alignment if necessary.

24 Remove the jacks and chocks.



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